

Work Plan Kansas Fiscal Year 2009

Cooperator:	Kansas Department of Agriculture		
State:	Kansas		
Project:	Karnal Bunt Survey		
Project Coordinator:	Laurinda Ramonda		
Agreement Number	08-8453-0014-CA		
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This Work Plan reflects a cooperative relationship between the Kansas Department of Agriculture (KDA) and the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ). It outlines the mission-related goals, objectives, and anticipated accomplishments as well as the approach for conducting a Karnal Bunt survey and control program and the related roles and responsibilities of the Kansas Department of Agriculture and USDA-APHIS-PPQ as negotiated.

I) OBJECTIVES AND NEED FOR ASSISTANCE

The objective of this project is to ensure the ability to export Kansas wheat to foreign customers by collecting Kansas wheat grain samples as part of the National Karnal Bunt Survey (*Tilletia indica*). This survey will also provide information to the NAPIS data base through survey records, this provides pest freedom assurance to our customers.

This project can be implemented with the funds provided by USDA-APHIS-PPQ.

II) RESULTS OR BENEFITS EXPECTED

The Cooperator seeks to conduct a program which is expected to result in:

- The ability to continue to export Kansas grown wheat for the success of the states' wheat industry.
- Providing survey data for Karnal Bunt in Kansas keeping the markets open to Kansas wheat producers.
- Keeping Karnal Bunt from becoming established in Kansas.
- Early detection and a rapid response for the most cost effective means to protect the vital wheat industry.
- Additional geographic assessment from data gathered.

III) APPROACH

Kansas will take 372 samples using national survey protocols. Samples will be forwarded to USDA-APHIS-PPQ for processing and analysis. Sampling will be done by the Kansas Department of Agriculture or temporary employees. Sampling will begin at the onset of harvest and will be completed within three weeks after harvests end. Tools and costs are explained in the attached budget.

USDA-APHIS-PPQ will provide funds to purchase collection supplies, and pay a portion of mileage expenses. Shipping labels to the Olney Texas lab will be provided by PPQ.

A. The Cooperator and APHIS Mutually Agree to/that:

- Maintain a State Cooperative Agricultural Pest Survey (CAPS) Committee that will meet at least once a year for input on surveys and how to better the CAPS program.
- Work together in carrying out field surveys, trapping, identification and data collection on pests, diseases or weeds that may pose an immediate risk to the agriculture of Kansas or the United States.
- Have representation at National and/or Regional annual planning meetings.
- Utilize Cooperator and APHIS program funding, as outlined in the Financial Plan, within the authorized parameters to support survey, detection and CAPS objectives.

B. The Cooperator will:

- Sample using national survey protocols.
- Sample using KDA staff.
- Send samples to USDA-APHIS-PPQ Olney, Texas laboratory to be analyzed.
- Begin sampling at onset of harvesting and complete sampling by three weeks after harvest ends.

Resources

- KDA staff to take 372 samples during wheat harvest all over Kansas.
- Rental or state vehicles are required to acquire samples at grain cooperatives.
- Sample bottles, paper bags, boxes, cups and office supplies used for sampling.
- Provide office space with associated services and utilities, computers and other office equipment for the use of Cooperator personnel. These include digital camera, GPS unit and computer with internet service. Computers will be used for entering survey data into the KAPPRIS and NAPIS database.

Supplies

- a. What supplies will be provided by the Cooperator?
Salary for staff, meals and lodging.
- b. What supplies will be provided by APHIS?
N/A
- c. What supplies will be purchased in whole or in part with APHIS funds?
Supplies for sampling.

- d. How will the supplies be used?
For taking samples.
- e. What is the proposed method of disposition of the supplies with a cumulative value over \$5,000 upon termination of the agreement/project?
N/A

Travel

- Travel will be required to survey sites by use of a KDA or rental vehicle. The KDA Plant Protection and Weed Control Plant Program Manager is the approving official. Costs are included in the financial plan.
- Lodging maybe required for longer distance sampling. The KDA Plant Protection and Weed Control Plant Program Manager is the approving official. Costs are included in the financial plan.

Reports:

1. Submit all reports to the APHIS Authorized Department Officer's Designated Representative (ADODR). Reports include:
 - a. Narrative accomplishment reports in the frequency and time frame specified in the Notice of Award, Article 4.
 - b. Financial Status Reports, SF-269, in the frequency and time frame specified in the Notice of Award, Article 4.

Other contributing parties

- a. List Participating Agency/Institution: KDA, USDA Lab
- b. List all who will work on the project: KDA staff, USDA
- c. Describe the nature of their effort: Sampling and identification
- d. Contribution: Confirmation

C. APHIS Will:

- Provide mileage compensation for vehicles.
- Provide supplies needed for sampling.
- Provide any new information that becomes available on Karnal Bunt and review data.
- Provide funds to the Cooperator to cover costs outlined in the Financial Plan.
- Make identification at Olney Texas Lab.

IV) GEOGRAPHIC LOCATION OF PROJECT

- A. Is the project statewide or in specific counties, townships, and/or national or state parks?
This project is statewide.
- B. What type of terrain (e.g., cropland, rangeland, woodland) will be involved in the

project?
County grain cooperatives and storage facilities.

- C. Are there any unusual features which may have an impact on the project or activity such as rivers, lakes, wild life sanctuaries, commercial beekeepers etc?
Weather conditions.

V) QUANTITATIVE PROJECTION OF ACCOMPLISHMENTS TO BE ACHIEVED:

- Sampling will be done during May and June or when harvests are complete.
- Survey data will be entered into state KAPPRIS and NAPIS database.

VI) DATA COLLECTION AND MAINTENANCE

A. Data Management:

All survey data from cooperative agreements involving pest surveys will be entered into the NAPIS database by KDA staff.

- a. First record for the State and/or County will be entered within **48 hours** of confirmation of identification by a qualified identifier.
- b. All other required records, both positive and negative survey data, must be entered **within two weeks** of confirmation.
- c. All records are to be entered into the NAPIS database by **December 1** of the year of survey, so these data are included in the yearly Plant Board Report.

B. Data collection and maintained in:

All survey data will be entered into state KAPPRIS database after being checked at the Olney Texas Laboratory. Survey data includes but not limited to date and county.

C. Criteria to evaluate the results and successes of the project:

1. Pest detection survey, outreach and other Core project activities completed.
2. All data collected from the pest detection surveys is entered into KAPPRIS and NAPIS databases.
3. Maps of the pest detection survey activities are produced to aid in planning of future pest detection surveys, pathway risk analysis, and outreach activities

D. Methodology used to determine if the results and benefits are achieved:

1. Review of the KAPPRIS and NAPIS database to ensure that data from the pest detection activities has been entered.
2. Review the accomplishment reports, supporting outreach materials (if applicable), and maps.

VI) TAXONOMIC SUPPORT

All samples will be analyzed by the USDA lab at Olney, Texas for (*Tilletia indica*). Three hundred seventy-two samples are planned at harvest 2009.

Target Species	Survey Dates (Starting-Ending)	Number of Sites	Number of Traps/Visual surveys	Number of visits	Potential Number of Collections
<i>Tilletia indica</i>	Onset of wheat harvest to 3 weeks after harvests end	372	1	1	372

Source(s):